

Listing of Claims:

1. (Currently Amended) A method for managing connections in a packet data radio system, ~~characterized in that~~ comprising the steps of:

~~[[-]]~~ monitoring at least data packets ~~relating to a predetermined allocated transport layer service access point and~~ transmitted by the packet data radio system ~~are monitored (605) for detecting~~ to detect packets comprising connection state change messages related to a predetermined allocated transport layer service access point[[,]]; and

~~[[-]]~~ determining at least one parameter of a data packet connection of the packet data radio system using information contained in the connection state message if a packet comprising a connection state change message is detected[[,]] ~~information contained in the connection state change message is used in determining (620) at least one parameter of a packet data connection of the packet data radio system.~~

2. (Currently Amended) A ~~The~~ method ~~according to~~ of claim 1, ~~characterized in that~~ wherein said connection state change messages being monitored ~~are~~ comprise connection setup messages.

3. (Currently Amended) A ~~The~~ method ~~according to~~ of claim 1, ~~characterized in that~~ wherein said connection state change messages being monitored ~~are~~ comprise connection release messages.

4. (Currently Amended) A ~~The method according to~~ of claim 1, ~~characterized in that~~
~~wherein~~ said connection state change messages being monitored ~~are~~ comprise H. 323 connection
state change messages.

5. (Currently Amended) A ~~The method according to~~ of claim 1, ~~characterized in that~~
~~wherein~~ said connection state change messages being monitored ~~are~~ comprise connection state
change messages according to the Session Initiation Protocol.

6. (Currently Amended) A ~~The method according to~~ of claim 1, ~~characterized in that~~
~~wherein~~ the packet data radio system ~~is~~ comprises the General Packet Radio Service (GPRS)
system.

7. (Currently Amended) A ~~The method according to~~ of claim 1, ~~characterized in that~~
~~wherein the method comprises steps, in which said packet data connection~~ connections of the
packet data radio system ~~is~~ are set up (~~630~~) at least in part according to said at least one
parameter.

8. (Currently Amended) A ~~The method according to~~ of claim 1, ~~characterized in that~~
~~wherein the method comprises steps, in which said packet data connection~~ connections of the
packet data radio system ~~is~~ are modified (~~635~~) at least in part according to said at least one
parameter.

9. (Currently Amended) A The method ~~according to~~ of claim 6, ~~characterized in that~~
wherein said monitoring is performed by a serving General Packet Radio Service (GPRS)
support node.

10. (Currently Amended) A The method ~~according to~~ of claim 6, ~~characterized in that~~
wherein said monitoring is performed by a gateway General Packet Radio Service (GPRS)
support node.

11. (Currently Amended) A The method ~~according to~~ of claim 6, ~~characterized in that~~
wherein said monitoring is performed by a General Packet Radio Service (GPRS) mobile station.

12. (Currently Amended) A system for managing connections in a packet data radio
system, ~~characterized in that it comprises~~ comprising:

means for monitoring at least data packets relating to a predetermined
allocated transport layer service access point, said monitored data packets being
~~and~~ transmitted in the packet data radio system[[,]];

means for detecting a call setup message in a monitored data packet[[,]];

and

means for determining at least one connection parameter based on
information in a the detected call setup message.

13. (Currently Amended) A ~~The system according to~~ of claim 12, ~~characterized in that~~
~~the system further comprises~~ further comprising:

means for initiating ~~the setting up~~ a set up of a packet data connection of
the packet data radio system at least partly based on said at least one connection
parameter.

14. (Currently Amended) A ~~The system according to~~ of claim 12, ~~characterized in that~~
~~the system further comprises~~ further comprising:

means for initiating ~~the modifying~~ a modification of a packet data
connection of the packet data radio system at least partly based on said at least
one connection parameter.

15. (Currently Amended) A network element of a packet data radio system, ~~characterized~~
~~in that it comprises~~ comprising:

means for monitoring at least data packets relating to a predetermined
allocated transport layer service access point, ~~and~~ said monitored data packets
being transmitted by the network element[[,]];

means for detecting a call setup message in a the monitored data packet
relating to said predetermined allocated transport layer service access point[[,]];
and

means for determining at least one connection parameter based on
information in a the detected call setup message.

16. (Currently Amended) A ~~The network element of a packet data radio system according to claim 15, characterized in that it is~~ wherein said network element comprises a General Packet Radio Service (GPRS) network element.

17. (Currently Amended) A ~~The network element of a packet data radio system according to claim 16, characterized in that the~~ wherein said network element is comprises a serving General Packet Radio Service (GPRS) support node.

18. (Currently Amended) A ~~The network element of a packet data radio system according to claim 16, characterized in that the~~ wherein said network element is comprises a gateway General Packet Radio Service (GPRS) support node.

19. (Currently Amended) A mobile station, ~~characterized in that it comprises~~ comprising:

means for monitoring at least data packets relating to a predetermined allocated transport layer service access point[[,]]; and

means for detecting a call setup message in a data packet[[,]]; and

means for determining at least one connection parameter based on information in a the detected call setup message.